SANYO

SANYO PORTABLE STEREO MUSIC SYSTEM G-2915NK SERVICE MANUAL

A PRODUCT OF SANYO ELECTRIC CO., LTD.

SPECIFICATIONS

GENERAL

Transistors:	17
IC's:	6
Diodes:	12
Power Source:	AC 120/200/220/240V DC 9V (Six "D" standard batteries)
Dimensions:	20-1/4"(W) x 6-1/4"(D) x 15-3/4"(H)
Weight:	Approx. 23 lbs. (10.5 kg)

TUNER

Frequency Ranges:	MW 530 – 1605kHz SW 3.2 – 12.0MHz FM 88 – 108MHz
Intermediate Frequencies:	MW/SW 455kHz FM 10.7MHz
Effective Sensitivities:	MW 400μV/m SW 400μV/m FM 12μV
FM Stereo Separation:	20dB

AUDIO AMP SECTION

Output Power:	3.5W/channel
Frequency Response:	30 – 20000Hz
Output Terminals:	Speaker: 8 ohms
Audio Input Level: (for tape recording)	Microphone 2mV, 400K ohm impedance

SPEAKER SECTION

Speaker Size:	4-1/2" x 2
Dimensions:	7-7/8" x 3-1/8" x 10-1/8"

PHONO-PLAYER SECTION

Turntable Speeds:	33-1/3, 45 & 78 rpm
Pickup System:	Ceramic Stereo Cartridge (part #R-S07135) with Sapphire Stylus (part #R-S07146)
Turntable Size:	7" dia.
Wow & Flutter:	0.3%

CASSETTE SECTION

Recording/Erasing System:	AC Bias
Tape Speed:	1-7/8"
Rewind/F.Forward Time:	120 sec. (C-60 Cassette)
Wow & Flutter:	0.35%

8 TRACK SECTION

Recording/Erasing System:	AC Bias
Tape Speed:	3-3/4 ips
Wow & Flutter:	0.35%

AM ALIGNMENTS

AM IF and RF Alignment

STEP	MODE	SIGNAL INPUT	FREQUENCY AND MODULATION OF SSG	DIAL SETTING OF RADIO	COMPONENTS TO BE ADJUSTED FOR MAX. OUTPUT
1	MW	Thru Loop Antenna	455KHz 30%	Lower end	IFT. T-7, T-8, T-9
2	SW		3.2MHz 30%	Lower end	OSC coil L-8
3	SW		12MHz 30%	Upper end	OSC trimmer CT-6
4	SW		3.5MHz 30%	3.5MHz	Ant. coil L-6
5	SW		11.5MHz 30%	11.5MHz	Ant. trimmer CT-4
6	MW		530KHz 30%	Lower end	OSC coil L-9
7	MW		1605KHz 30%	Upper end	OSC trimmer CT-7
8	MW		600KHz 30%	600KHz	Ant. coil L-5
9	MW		1400KHz 30%	1400KHz	Ant. trimmer CT-5

SVR-1: Tp1 ~ Tp2 V = 0.6V

Repeat step 4 and 5,
Repeat step 8 and 9.

FM IF Alignment

STEP	ALIGNMENT FREQUENCY	TEST EQUIPMENT CONNECTION	ADJUSTMENT
1	10.7MHz	Connect sweep generator to CT-3 and oscilloscope to test point Tp-3	Tune for max. gain and symmetry of response curve (Fig. 1)
2	10.7MHz	Connect sweep generator to CT-3 and oscilloscope to test point Tp-4	Tune for symmetrical "S" curve (Fig. 2)

Fig. 1

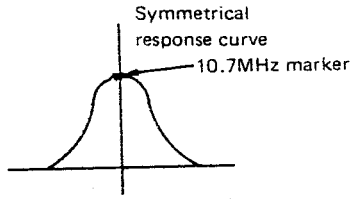
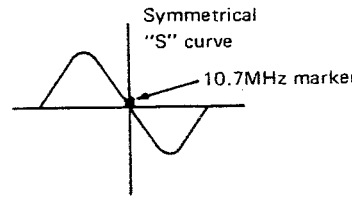


Fig. 2

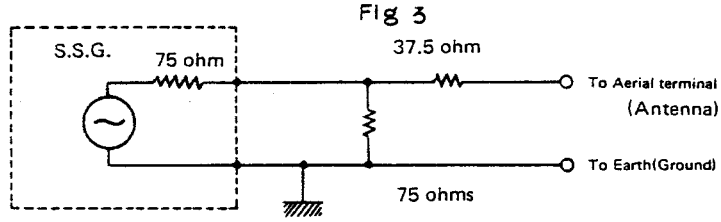


RF Alignment

STEP	SIGNAL INPUT	FREQUENCY AND MODULATION OF SSG	DIAL SETTING OF RADIO	COMPONENTS TO BE ADJUSTED FOR MAX. OUTPUT
1	Thru dummy Ant. Fig. 3	88MHz 30%	Lower end	OSC coil L-4
2		108MHz 30%	Upper end	OSC trimmer CT-3
3		90MHz 30%	90MHz	RF coil L-2
4		90MHz 30%	90MHz	Ant. coil L-1
5		106MHz 30%	106MHz	RF trimmer CT-2
6		106MHz 30%	106MHz	ANT trimmer CT-1

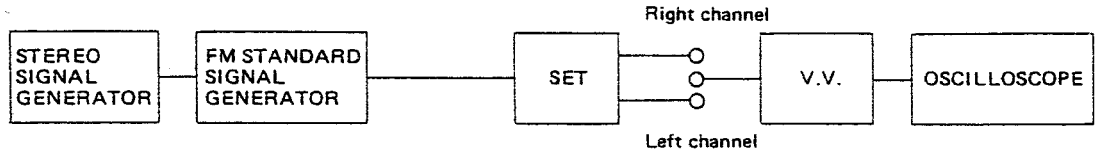
Repeat STEP 3, 4, 5 and 6.

Fig 3



FM MPX Adjustment

STEP	SUBJECT	STANDARD SIGNAL GENERATOR	STEREO SIGNAL GENERATOR		COMPONENTS TO BE ADJUSTED	TEST POINT	INDICATION
			PILOT SIGNAL	MAIN, LEFT, RIGHT AND SUB SIGNAL			
1	Adjustment of 19KHz and 38KHz	98MHz 60dB	10% MOD.		L-102 L-103	TP-102	Max. Output
2	Adjustment of Separations			30% MOD. with main channel			
3				Sub channel	L-103	Speaker Output	Min. distortion
4				right channel (or left channel)	SVR-101	left channel output (or right channel output	Min. Output

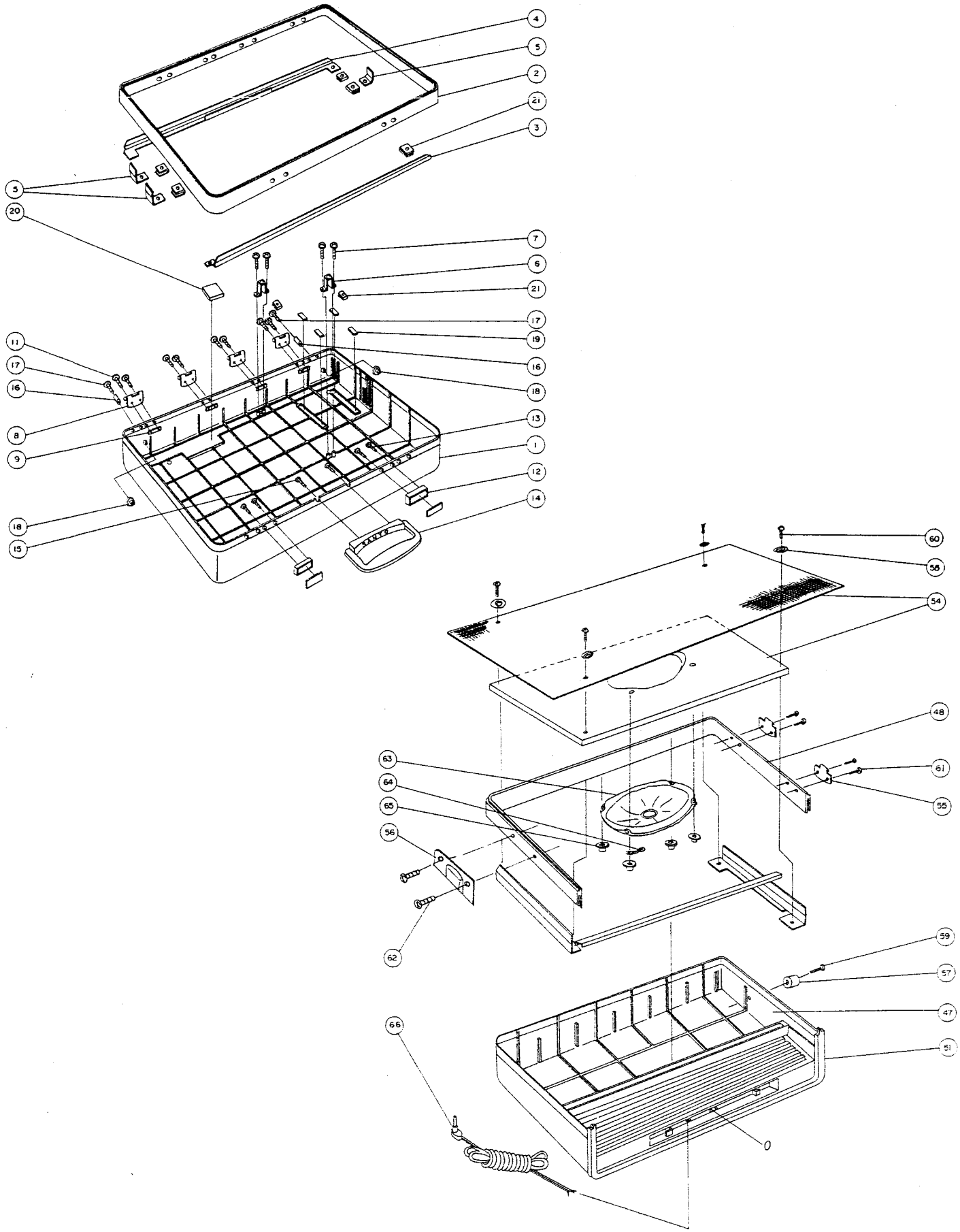


PARTS LIST

Key No.	Part No.	Description	Q'ty
PACKAGE PARTS			
	R-4770922	Instruction book	1
	R-4072075	Individual carton	1
	R-4170320	Styro-foam cushion, Unit right & left	2
	R-477070	Tag, Power	1
	R-357237	Polyethylene bag	1
		Polyethylene bag, 160 x 245 x 0.05, AC cord	1
		Polyethylene bag, 100 x 240 x 0.05, Mic	1
		Polyethylene bag, 240 x 320 x 0.05	1
		Protector, 19 x 19 x 100, Battery case & Control left	2
		Protector 5 x 21 x 150, 8 track & Cassette	2
ACCESSORIES			
	R-S07137	Microphone, Dynamic with remote on-off switch, 400 ohms	1
	R-S07138	Microphone, Dynamic, 400 ohms	1
	R-S07037	Cassette Tape	1
	R-S8574b	Plug Adaptor, Siemens, Pitch 19mm	1
	R-S8575b	Plug Adaptor, England, Pitch 16.7mm	1
	R-S3777	AC Cord	1
CABINET & APPEARANCE PARTS			
1	R-A70683	Case complete assembly	1
	R-A70684	Case assembly	1
	R-317227	Case	1
2	R-2670699	Frame	1
3	R-127767	Fix metal front	1
4	R-127829	Fix metal rear	1
5	R-127760	Fix metal right & left	3
6	R-127759	Fix metal	2
7		Tap. Screw, Pan Hd. (2) 3 x 8	4
8	R-S87096	Hinge assembly	4
9	R-118045	Fix metal, Hinge	4
10	R-4070778	Spacer	8
11		Screw Oval Hd. 3 x 12	8
12	R-S870384	Lock assembly	1
13		Tap. Screw Pan Hd. 3 x 8	4
14	R-397085	Handle	1
	R-397166	Handle base	1
	R-117192	Fix metal, Handle base	2
15		Screw Pan Hd. 4 x 12	2
16	R-3970549	Base	2
17		Screw Bind Hd. 3 x 10	2
18		Nut Hex Hd. with Washer	2
19	R-437193	Felt 10 x 30 x 5t	4
20		Neoplane 30 x 40 x 6t	1
21	R-12080	Special nut 3ϕ	7
22	R-A70685	Panel assembly	1
30	R-357146	Antenna holder	(1)
	R-2670716	Decoration metal, Cassette lid	1
31	R-2670708	Decoration metal, Cassette azimuth	1
32	R-A70686	8 Track lid assembly	1
	R-327286	8 Track lid	(1)
	R-2670706	Door 8 Track cartridge	(1)
	R-157346	Shaft, Door	(1)
	R-127761	Clip, Door	(2)
	R-157342	Spring, Door	(1)
	R-387418	Sign board, Channel	(1)
	R-2670707	Decoration metal, Channel	(1)
33	R-A70687	Battery case assembly	1
	R-3970550	Battery case	(1)
34	R-327292	Fix plastic board	(1)
	R-157343	Coil spring, + & — terminal	(1)
	R-157344	Coil spring, — terminal	(1)
	R-237119	Terminal +	(2)
	R-237120	Terminal —	(2)
		Lug 3 x 6	(3)
35	R-3970551	Knob	(1)
36	R-127762	Spring metal	(1)
		Tap. Screw, Pan Hd., 2.6 x 6	(2)
	R-357247	Ribbon	(1)
37	R-3970552	Rest stand, Pick-up	1
		Tap. Screw, Pan Hd. with Washer "F", 3 x 8	1
38	R-A70688	Knob assembly, Tuning	1

Key No.	Part No.	Description	Q'ty
CABINET & APPEARANCE PARTS			
39	R-A70689	Knob assembly, Rec./Vol./Bass/Treble/ Balance/Band/Function	7
40	R-3970555	Knob, Pop-up/Program	2
41	R-3970556-L	Knob, Rec.	1
42	R-327208	Knob, Speed select	1
	R-397076	Knob, Mic mixing	1
43	R-3970556-M	Knob, Fast Forward, 8 Track	1
44	R-325153	Adaptor, 45 rpm Disc	1
45	R-447839	Turn-table rubber mat	1
46	R-2670709	Metal disk, Turn-table	1
		Tap. Screw, Oval Hd., 3 x 30, Panel ass'y	5
		Tap. Screw, Oval Hd., 3 x 40, Panel ass'y	2
		Tap. Screw, Pan Hd., 3 x 8, 8 Track lid	4
SPEAKER BOX ASSEMBLY (RIGHT)			
	R-A70690	Speaker box complete	1
	R-A70691	Case assembly	1
47	R-317230	Case	1
48	R-2670671	Frame	1
54	R-S870382	Buffle plate assembly	1
55	R-117205	Hinge	2
56	R-S870385	Fix metal, Key	1
57	R-3970549	Base	1
58	R-237114	Special washer, Buffle plate	4
59		Screw, Bind Hd., 3 x 10, base	1
		Nut, Hex Hd. with Washer, base	1
		Tap. Screw, Flat Hd., 3 x 10	2
60		Tap. Screw, Oval Hd. 3 x 20	4
61		Tap. Screw, Oval Hd., 3 x 10, Hinge	4
62		Tap. Screw, Pan Hd., 3 x 8	2
63	R-S07136	Speaker, 8 ohm, 1.6W	1
64	R-12011	Lug	1
		Nylon tube, 4ϕ x 27	1
	R-437035	Cushion, felt 45 x 45 x 2	1
65		Nut, Hex Hd. with Washer	4
66	R-S87143	Cord assembly, Speaker lead & plug	1
SPEAKER BOX ASSEMBLY (LEFT)			
	R-A70692	Speaker Box Assembly, without speaker	1
	R-A70693	Speaker Box only	(1)
	R-317232	Box	(1)
	R-2670670	Frame	(1)
63	R-S07136	Speaker, 8 ohms, 1.6W	1
64	R-12011	Lug	1
		Nylon Tube, 4ϕ x 27	1
	R-437035	Cushion, Felt 45 x 45 x 2	1
65		Nut, Hex Hd. with Washer	4
66	R-S87143	Cord Assembly, Speaker lead & plug	1
PANEL MECHANICAL PARTS			
	R-127770	Chassis	1
	R-2670712	Dial scale	1
	R-157345	Dial pointer	1
	R-S870383	Shaft assembly	1
		Nut, Hex Hd., M8	1
	R-4170321	Cushion, Indicator	1
	R-117886a	Pressure metal, Indicator	1
	R-127764	Fix metal, Mic mixing SW	1
	R-32315	Drum	1
	R-247137	Special screw, VC — Drum Washer Spring 2.6ϕ	1
	R-157189	Coil spring, Drum	1
		Dial cord strings, L-335	1
	R-325017	Pulley	3
	R-147054	Pulley shaft	3
	R-2670378	Heat sink	2
		Tap. Screw, Pan Hd., 3 x 6, Heat sink	4

EXPLODED VIEW (Case)

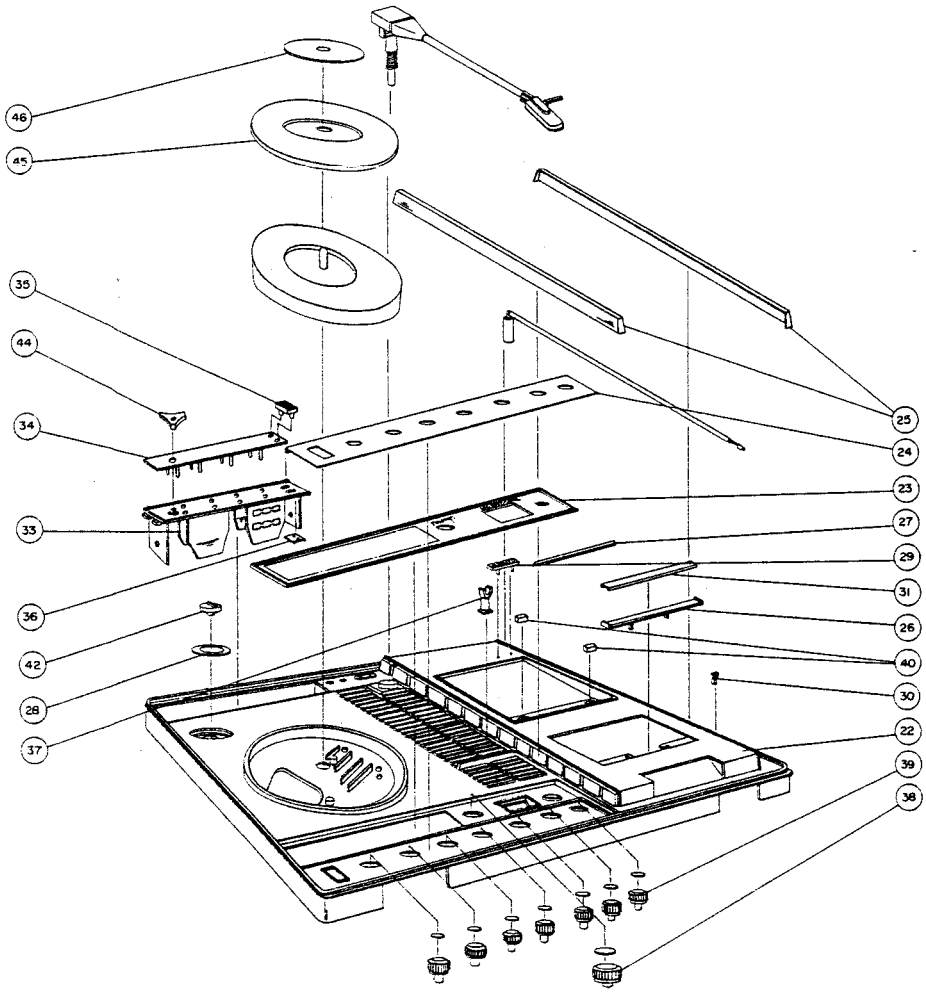


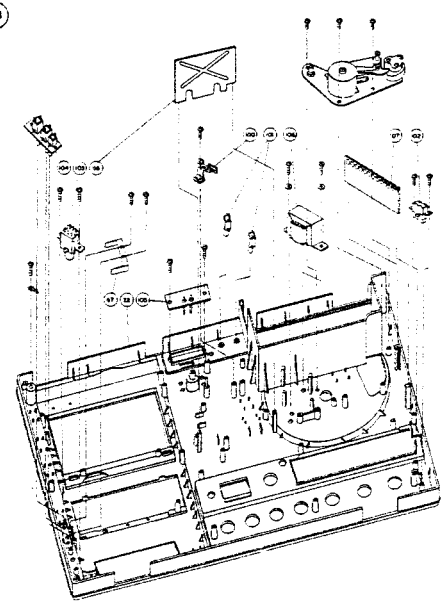
PARTS LIST

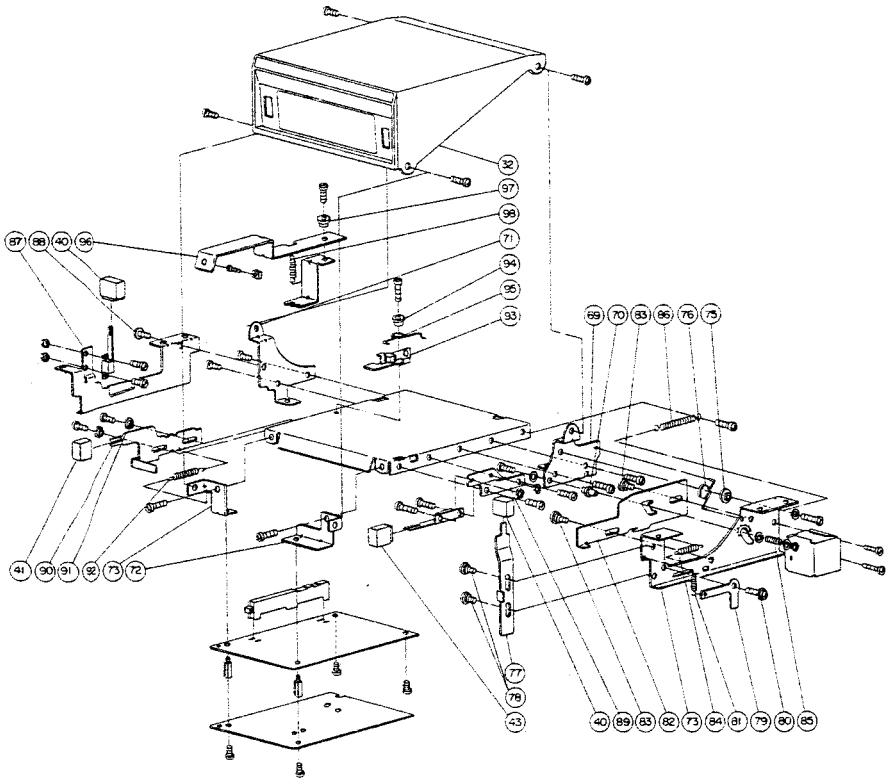
Key No.	Part No.	Description	Q'ty
		PANEL MECHANICAL PARTS	
	R-397004	Pipe, Pick-up	1
	R-157140	Spring pin, Pick-up	1
67	R-127763	Fix metal, Mic jack	1
		Tap. Screw, Pan Hd., 3 x 8	2
68	R-117735a	Support	1
	R-127765	Fix metal, Cassette shield case	1
		Tap. Screw, Pan Hd., 2.6 x 6, shield case	5
	R-1177390	Shield case, Cassette	1
	R-127726	Shield plate, Cassette Circuit Board	1
		Tap. Screw, Pan Hd. with Washer "F", 2.6 x 6	4
	R-415279	Protector, Cassette OSC Circuit Board	1
	R-117739c	Shield case, 8 Track OSC	1
		Protector, 35 x 35 x 10, 8 Track C.B.	1
		Shield plate, 8 Track C.B.	1
		Screw, Pan Hd., 2.6 x 4 Shield plate	2
		Protector, 46 x 24 x 0.8, Shield plate	1
	R-447843	Holder, FM Stereo lamp & 8 Track lamp	2
	R-4770977	Lable, Connector	2
		Tap. Screw, Pan Hd., 3 x 8, Bronze	6
69	R-1170533	Fix metal, 8 Track lid, right	1
		Screw, Pan Hd., 3 x 24	1
		Washer, Flat, 3.3 x 8 x 0.5	1
70	R-157336	Spacer, Pop-up	1
71	R-1170534	Fix metal, 8 Track lid, left	1
72	R-1170539	Fix metal, 8 Track C.B., right	1
73	R-1170538	Fix metal, 8 Track C.B., left	1
		Tap. Screw, Pan Hd., 3 x 6	8
74	R-1170531	Support bracket, Right	1
		Tap. Screw, Pan Hd., 3 x 12	1
75	R-157335	Spacer, Support bracket	1
76	R-157331	Coil spring, Support bracket	1
77	R-1170537	Pop-up lever	1
78	R-147047	Special screw with Washer	2
79	R-1170536	Pop-up link	1
80	R-147047	Special screw with Washer	1
81	R-157330	Spring, Link-lever	1
82	R-1170535	Lock plate	1
83	R-147047	Special screw with Washer	2
84	R-157239	Spring	1
		Washer, Felt 3 x 10 x 1	2
85	R-157196	Spring	1
		Nut, Hex Hd., 3	1
86	R-157369	Spring, Mechanism – Support bracket	1
		Tap. Screw, Pan Hd., 3 x 10, Mechanism	1
87	R-1170532	Support bracket, Left	1
88	R-147047	Special screw with Washer	1
89	R-1170530	Fix metal, F.F switch	1
90	R-S870389	Lever assembly, Recording	1
		Tap. Screw, Pan Hd., 3 x 8	2
91	R-157334	Spacer	2
92	R-157327	Spring	1
93	R-S870390	Arm assembly, Recording	1
94	R-247474	Spacer	1
95	R-157328	Coil spring	1
		Tap. Screw, Pan Hd., 2.6 x 8	1
96	R-S870391	Lever assembly, Channel	1
97	R-157332	Spacer	1
		Tap. Screw, Pan Hd., 2.6 x 6	1
98	R-157333	Spring	1

Key No.	Ref. No.	Part No.	Description	Q'ty
			PANEL ELECTRICAL PARTS	
		R-A70674	Circuit board assembly, TUNER	1
		R-A70675	Circuit board assembly, MPX	1
		R-A70676	Circuit board assembly, AMP	1
		R-A70679	Circuit board assembly, MIC	1
		R-A70670	Circuit board assembly, CASSETTE	1
		R-247284	Special screw	4
		R-A70677	Circuit board assembly, CASSETTE OSC	1
		R-A70671	Circuit board assembly, 8 TRACK	1
		R-247144	Special screw	2
		R-A70678	Circuit board assembly, 8TRACK OSC	1
		R-A70672	Circuit board assembly, CONTROL	1
107		R-A70673	Circuit board assembly, POWER	1
			Nut Hex Hd., 3	1
			Tap. Screw Pan Hd., 3 x 8	1
			Washer Flat 3.3 x 10 x 1	6
			Tap. Screw Pan Hd., 3 x 6	1
		R-S07133	Pickup assembly	1
		R-S07135	Cartridge	(1)
		R-S07146	Stylus	(1)
		R-S5743	Motor, DC, Phono	1
		R-S5716	Turntable	1
	L801	R-W1756	Choke coil, Motor	1
	VR254	R-R1167002	Volume 50K MN	1
	VR251,253, 255	R-R1167003	Volume, 50K B	3
	VR252	R-R1167004	Volume, 50K A	1
	S2	R-S47151	Rotary switch, Function	1
	S1	R-S47152	Rotary switch, Band	
		R-S47026	Push switch, Mic mixing	1
		R-S57019	Indicator	1
		R-S47057	Rotary switch, Power select	1
			Tap. Screw, Pan Hd.,	2
100		R-S47061	Rest switch, Phono	1
			Tap. Screw, Pan Hd. with Washer "F", 3 x 8	1
101		R-S2720	Jack, Speaker	2
102		R-S4734	Switch, Power	1
103		R-S2766	Jack, Head phone	1
104		R-S27117	Jack, Mic.	1
105		R-S1721	Terminal, Power	1
			Tap. Screw, Pan Hd., 3 x 6	9
		R-S17134	Rod antenna	1
			Screw, Bind Hd., 3 x 10	1
			Washer, Flat, 3.3 x 10 x 1	1
			Washer, Spring, 3	1
		R-S2115	Socket, Rod antenna	1
106		R-W77060	Power transformer, AC 120/ 200/220/240V	1
			Tap. Screw, Pan Hd. with Washer "F", 4 x 10	2
			Nut, Hex Hd. with Washer, 4	2
		R-S3010	2P lug	1
		R-S3741	3P lug	1
		R-377033-12	Housing 12P, Cassette 8 track	2
		R-12004	Lug	2
		R-127500	Lug, Large	6
		R-12011	Lug	6
			Nylon tube 4ϕ x 60	2
		R-S87827	Battery terminal, +	1
		R-S87828	Battery terminal, –	1
		R-S47150	Push switch, 8 Track & F.F channel	2
			Screw, Pan Hd., 2 x 4	4
			Nut, Hex Hd., 2	4
			SEMICONDUCTORS	
	D401		Diode, SLP-24, 8 Track channel	1
	D802		Diode, SLP-24, Stereo Indicator	1

EXPLODED VIEW







PARTS LIST

Key No.	Ref. No.	Part No.	Description	Q'ty
PANEL ELECTRICAL PARTS				
			CAPACITORS	
	C806		Electrolytic, 10mfd 10V	1
	C801,802		Ceramic, 500pF, ±10%, 35V	2
	C803		Ceramic, 0.02mfd, +100 −0% 35V	1
			RESISTORS	
	R811,861		Carbon, 220K ohm, ±5%, 1/4W	2
	R812,862		Carbon, 220 ohm, ±5%, 1/4W	2
CASSETTE PARTS				
		R-S97014	Cassette mechanism assembly	1
		R-S5732	Motor, DC	(1)
		R-397623a	Knob	(6)
		R-2670709	Decoration metal, Cassette Knob	6
			Tap. Screw, Pan Hd., 3 x 12	4
			Washer, Flat, 2.6φ x 5φ x 0.5	4
		R-S0814	Recording head	1
		R-S0815	Erasing head	1
			Screw, Pan Hd., 2 x 4	3
			Screw, Pan Hd., 2 x 6	1
			Spring, Leaf switch	1
8 TRACK PARTS				
		R-S97013	8 Track mechanism assembly	1
		R-S57018	Motor, DC	(1)
		R-S07131	Head	(1)
		R-447843	Holder, Channel	1
			Tap. Screw, Pan Hd., 3 x 12	9
			RESISTORS	
	R406		Carbon, 820 ohm, ±5%, 1/4W	1
	R408		Solid, 2.7 ohm, ±20%, 1/2W	1

Ref. No.	Part No.	Description	Q'ty
TUNER (RF AMPLIFIER) CIRCUIT BOARD			
	R-A70674	Circuit board assembly	1
L5,6,7	R-S870346	ANT coil assembly, SW + MW	1
		Tap. Screw, Pan Hd., 3 x 8	1
		Washer, Flat, 3.3φ x 8φ x 0.5t	1
CV1,2,3,4	R-C1710	Variable capacitor	1
	R-445081	Cushion, VC	1
	R-257026	Spring, VC	1
		Screw, Pan Hd., 2.6 x 4	2
CT4,5,6,7	R-C0046	Trimmer	2
CT1,2,3	R-C0710	Trimmer	3
L1	R-W2773	ANT coil, FM	1
L2	R-W9515	VHF coil	1
L3	R-W9018	VHF coil	1
L4	R-W9701	VHF coil	1
L8	R-W8548	Coil, SW Oscillator	1
L9	R-W8549	Coil, MW Oscillator	1
L10	R-W1059	Choke coil	1
T1	R-W5T757	IF Transformer, FM	1
T2	R-W5T758	IF Transformer, FM	1
T3	R-W5T759	IF Transformer, FM	1
T4	R-W5T760	IF Transformer, FM	1
T5	R-W5T761	IF Transformer, FM	1
T6	R-W5T762	IF Transformer, FM	1
T7	R-W5T763	IF Transformer, AM	1
T8	R-W5T764	IF Transformer, AM	1
T9	R-W5T765	IF Transformer, AM	1
SVR1	R-R110704	Pre-set resistor	1
	R-245128	Eyelet lug	11
	R-24372	Tip, Rod antenna	1

Schematic Location	Part No.	Description	Q'ty
TUNER (RF AMPLIFIER) CIRCUIT BOARD			
		SEMICONDUCTORS	
TR1		Transistor, 2SC668 E	1
TR2		Transistor, 2SC668 D	1
TR3		Transistor, 2SA222	1
		IC, LA1201C	1
D2,3,4		Diode, 1S188 FM	3
D5		Diode, 1S188 AM	1
D1,6,7		Diode, 1S1588	3
		RESISTORS	
R1,11		Carbon, 680 ohm, ±10%, 1/4W	2
R2,4		Carbon, 2.2K ohm, ±10%, 1/4W	2
R3		Carbon, 39K ohm, ±10%, 1/4W	1
R5		Carbon, 180K ohm, ±10%, 1/4W	1
R6,8		Carbon, 220 ohm, ±10%, 1/4W	2
R7		Carbon, 150 ohm ±10%, 1/4W	1
R9		Carbon, 15K ohm ±10%, 1/4W	1
R10		Carbon, 1.5K ohm ±10%, 1/4W	1
R12		Carbon, 1.2K ohm ±10%, 1/4W	1
R13		Carbon, 56 ohm ±10%, 1/4W	1
R14		Carbon, 8.2K ohm ±10%, 1/4W	1
R16		Carbon, 2.7K ohm ±10%, 1/4W	1
R17,24		Carbon, 100 ohm ±10%, 1/4W	2
R20,21		Carbon, 1K ohm ±10%, 1/4W	2
R22,23		Carbon, 5.6K ohm ±10%, 1/4W	2
R25		Carbon, 10K ohm ±10%, 1/4W	1
R26		Carbon, 4.7K ohm ±10%, 1/4W	1
R28,29		Carbon, 120 ohm ±10%, 1/4W	2
R15,30		Carbon, 22K ohm ±10%, 1/4W	2
R19		Carbon, 270 ohm ±10%, 1/4W	1
R27		Carbon, 120 ohm ±10%, 1/4W	1
R37		Carbon, 18K ohm ±10%, 1/4W	1
R34		Carbon, 27 ohm ±10%, 1/4W	1
		CAPACITORS	
C1,25		Ceramic, 10 pfd, ±10%, 50V	2
C2		Ceramic, 10 pfd, ±0.25 pfd, 50V	1
C3		Ceramic, 15 pfd, ±10%, 50V	1
C4		Ceramic, 0.005 mfd, ±10%, 50V	1
C5		Ceramic, 12 pfd, ±10%, 50V	1
C6,26		Ceramic, 3 pfd, ±0.25 pfd, 50V	2
C7,28		Ceramic, 30 pfd, ±10%, 50V	2
C8		Ceramic, 500 pfd, ±10%, 50V	1
C9		Ceramic 7 pfd, ±10%, 50V	1
C10,29,31		Ceramic, 0.001 mfd, ±10%, 50V	3
C12		Ceramic, 2 pfd, ±0.25 pfd, 50V	1
C15,33, 42,55		Ceramic, 0.04 mfd, +100 −0%, 50V	4
C20		Ceramic, 0.02 mfd, ±10%, 50V	1
C23,24		Ceramic, 0.01 mfd, ±20%, 50V	2
C32		Ceramic, 100 pfd, ±10%, 50V	1
C39		Ceramic, 10 pfd, ±10%, 50V	1
C45		Ceramic, 13 pfd, ±10%, 50V	1
C17,22		Ceramic, 0.02 mfd, ±10%, 25V	2
C11		Ceramic, 18 pfd, ±10%, 50V	1
C13		Styrol, 200 pfd, ±10%, 50V	1
C44		Styrol, 1300 pfd, ±5%, 50V	1
C46		Styrol, 350 pfd, ±10%, 50V	1
C19,27,48		Mylar, 0.022 mfd, ±20%, 50V	3
C36,41		Mylar, 0.01 mfd, ±20%, 50V	2
C40		Mylar, 0.0075 mfd, ±20%, 50V	1
C43		Mylar, 0.0033 mfd, ±20%, 50V	1
C54		Mylar, 0.0047 mfd, ±20%, 50V	1
C14,16, 18,37		Mylar, 0.039 mfd, ±20%, 50V	4
C47		Mylar, 0.0022 mfd, ±20%, 50V	1
C21,30		Electrolytic, 4.7 mfd, 6.3V	2
C34,35		Electrolytic, 220 mfd, 10V	2
C38		Electrolytic, 10 mfd, 10V	1
C49		Electrolytic, 1 mfd, 10V	1
C51		Electrolytic, 0.22 mfd, 10V	1

PARTS NUMBER OF STR TAPE
R-S07157

PARTS LIST

Schematic Location	Part No.	Description	Q'ty
MPX (FM STEREO DECODER) CIRCUIT BOARD			
	R-A70675	Circuit board assembly	1
L102	R-W4712	MX coil	1
L103	R-W4713	MX coil	1
L151,152	R-W1751	Choke coil, 40mH	1
SVR101	R-R110714	Pre-set resistor, 1K ohm	1
	R-S1803	Terminal	1
		Eyelet 2 x 3	7
		IC, LA3301	1
		RESISTORS	
R151		Carbon, 4.7K ohm ±5%, 1/4W	1
R152		Carbon, 220 ohm ±10%, 1/4W	1
R153		Carbon, 390 ohm ±10%, 1/4W	1
R154,155		Carbon, 3.3K ohm ±10%, 1/4W	2
R156,157		Carbon, 12K ohm ±10%, 1/4W	2
R158		Carbon, 820 ohm ±10%, 1/4W	1
		CAPACITORS	
C156		Styrol, 10000 pfd, ±10%, 125V	1
C157		Styrol, 2500 pfd, ±10%, 125V	1
C155		Mylar, 0.0015 mfd, ±20%, 50V	1
C162,163		Mylar, 0.001 mfd, ±20%, 50V	2
C160,161		Mylar, 0.0047 mfd, ±20%, 50V	2
C164,165		Mylar, 0.0068 mfd, ±20%, 50V	2
C166,167		Mylar, 0.0033 mfd, ±20%, 50V	2
C169		Mylar, 470 pfd, ±20%, 50V	1
C158,159		Electrolytic 1 mfd/10V	2
C151,154		Electrolytic 4.7 mfd/6.3V	2
C168		Electrolytic 330 mfd/10V	1
AUDIO AMPLIFIER CIRCUIT BOARD			
	R-A70676	Circuit board assembly	1
	R-235128	Eyelet lug	1
	R-12004	Oval lug	3
		Eyelet 1.6 x 3	11
		Eyelet 2 x 3	4
		SEMICONDUCTORS	
		IC, HA1314	2
TR201,301		Transistor, 2SC644 R	2
		RESISTORS	
R211,311		Carbon, 6.8K ohm ±5%, 1/4W	2
R212,312		Carbon, 39K ohm ±5%, 1/4W	2
R213,313		Carbon, 10K ohm ±5%, 1/4W	2
R214,314		Carbon, 2.2K ohm ±5%, 1/4W	2
R215,315		Carbon, 12K ohm ±5%, 1/4W	2
R216,316, 220,320		Carbon, 1M ohm ±5%, 1/4W	4
R217,317		Carbon, 68 ohm ±5%, 1/4W	2
R218,318		Carbon, 82K ohm ±5%, 1/4W	2
R219,319		Carbon, 10 ohm ±5%, 1/4W	2
R210		Carbon, 1K ohm ±5%, 1/4W	1
R202		Carbon, 1K ohm ±5%, 1/4W	1
		CAPACITORS	
C216,316		Ceramic, 0.001 mfd, ±10%, 25V	2
C219,319		Ceramic, 100 pfd, ±10%, 50V	2
C220,320		Ceramic, 500 pfd, ±10%, 50V	2
C222,322		Ceramic, 200 pfd, ±10%, 50V	2
C225,325		Ceramic, 20 pfd, ±10%, 50V	2
C221,321		Mylar, 0.04 mfd, ±20%, 25V	2
C226,326		Mylar, 0.001 mfd, ±20%, 50V	2
C201		Electrolytic 2200 mfd/16V	1
C217,317		Electrolytic 220 mfd/10V	2
C212,312		Electrolytic 33 mfd/6.3V	2
C224,324		Electrolytic 470 mfd/10V	2
C223,323		Electrolytic 100 mfd/6.3V	2
C202,203		Electrolytic 100 mfd/10V	2

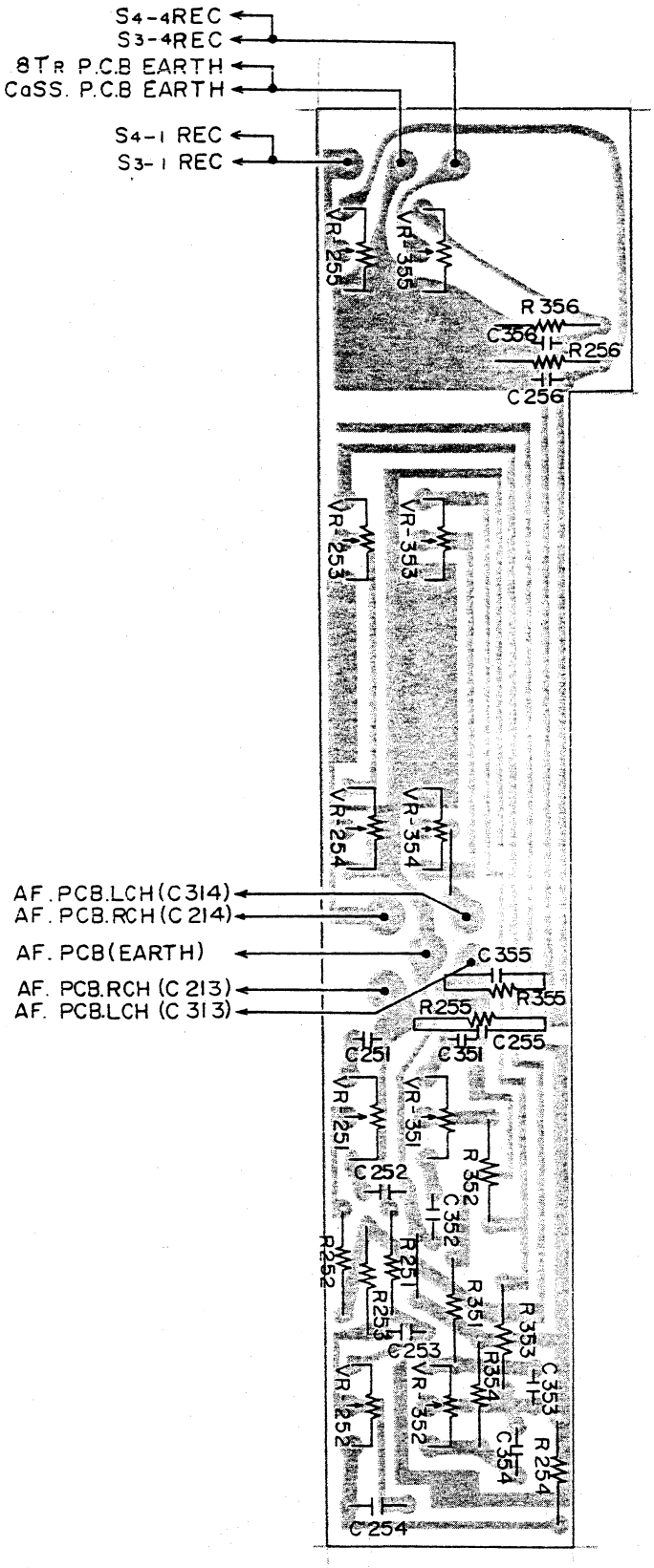
Schematic Location	Part No.	Description	Q'ty
AUDIO AMPLIFIER CIRCUIT BOARD			
C218,318		Electrolytic 47 mfd/6.3V	2
C215,315		Electrolytic 1 mfd/10V	2
C211,311, 214,314		Electrolytic 0.22 mfd/16V	4
C213,313		Electrolytic 1 mfd/16V	2
CASSETTE AMPLIFIER CIRCUIT BOARD			
	R-A70670	Circuit board assembly	1
L612,712	R-W1719	Bias trap	2
SVR611,711	R-R110705	Pre-set resistor, 50K	2
	R-S27112-12	Plug, 12P	1
	R-S47155	Slide switch, RECORD-PLAY-BACK Select	1
	R-237112	Shaft angle	1
L601	R-W1046	Choke coil, 40μH	1
		Eyelet, 2 x 3	10
	R-257098	Pin	10
	R-257099	Pin large	2
		SEMICONDUCTORS	
		IC, LA3155	1
TR602,702		Transistor, 2SC536 D	2
D601,602		Diode, 1S188 AM	2
		RESISTORS	
R611,711		Carbon, 10 ohm ±5%, 1/4W	2
R612,712		Carbon, 120K ohm ±5%, 1/8W	2
R605,613, 713		Carbon, 27K ohm ±5%, 1/8W	3
R614,714		Carbon, 10K ohm ±10%, 1/4W	2
R615,715		Carbon, 150K ohm ±5%, 1/8W	2
R620,720		Carbon, 22K ohm ±5%, 1/8W	2
R621,721		Carbon, 56K ohm ±5%, 1/8W	2
R622,722		Carbon, 390K ohm ±5%, 1/8W	2
R601,602		Carbon, 220 ohm ±5%, 1/8W	2
R603		Carbon, 330 ohm ±5%, 1/8W	1
R623,723		Carbon, 6.8K ohm ±5%, 1/8W	2
R606		Solid, 10 ohm, ±20%, 1/2W	1
		CAPACITORS	
C605,606, 629,729		Mylar, 0.01 mfd, ±20%, 50V	4
C616,716		Mylar, 0.015 mfd, ±20%, 50V	2
C621,721		Mylar, 0.002 mfd, ±20%, 50V	2
C622,722, 628,728		Mylar, 0.001 mfd, ±20%, 50V	4
C627,727		Mylar 470 mfd, ±10%, 50V	4
C620,720		Styrol, 2500 pfd, ±5%, 50V	2
C613,713		Ceramic, 80 pfd, ±10%, 50V	2
C626,726		Ceramic, 150 pfd, ±10%, 50V	2
C604		Ceramic, 0.04 mfd, +100 −0% 35V	1
C601,602, 603,605		Electrolytic 220 mfd/10V	4
C615,715, 623,723, 625,725		Electrolytic 1 mfd/10V	6
C614,714		Electrolytic 47 mfd/6.3V	2
C612,619 719		Electrolytic 10 mfd/10V	3
C611,711		Electrolytic 1 mfd/16V	2

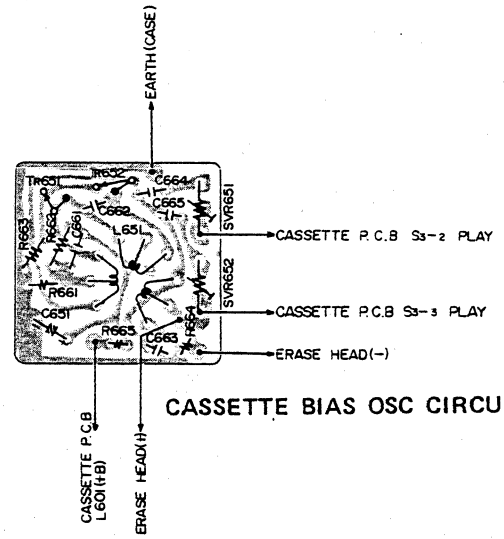
PARTS LIST

Schematic Location	Part No.	Description	Q'ty
CASSETTE BIAS OSC CIRCUIT BOARD			
	R-A70677	Circuit board assembly	1
SVR651,652	R-R11018	Pre-set resistor, 250K ohm	2
L651	R-W8737	Oscillator Coil, Bias	1
TR651,652		**Transistor, 2SC536D**	2
		RESISTORS	
R661		Carbon, 39K ohm ±5%, 1/4W	1
R662		Carbon, 12K ohm ±5%, 1/4W	1
R663		Carbon, 4.7K ohm ±5%, 1/4W	1
R664		Carbon, 1 ohm ±5%, 1/4W	1
R665		Carbon, 68 ohm ±5%, 1/4W	1
		CAPACITORS	
C661		Mylar, 0.047 mfd, ±20%, 50V	1
C662		Mylar, 0.01 mfd, ±20%, 50V	1
C663		Mylar, 0.0068 mfd, ±20%, 50V	1
C664,665		Styrol, 1800 pfd, ±10%, 50V	2
C651		Electrolytic 100 mfd/10V	1
8-TRACK AMPLIFIER CIRCUIT BOARD			
	R-A70671	Circuit board assembly	1
L412,512	R-W1719	Bias trap.	2
SVR411,511	R-R110705	Pre-set resistor, 50K ohm	2
	R-S27112-12	Plug, 12P	1
S4	R-S47149	Slide switch, RECORD-PLAY-BACK Select	1
	R-S47150	Push switch	2
L411,511	R-W6724	Choke coil, 10 mH	2
	R-W1046	Choke coil, 40 mH	2
		Eyelet 1.6 x 3	10
	R-257098	Pin	9
	R-257099	Pin	2
		SEMICONDUCTORS	
		IC, LA3155	1
TR401,501		Transistor, 2SC536 E	2
TR402,502		Transistor, 2SC536 D	2
		RESISTORS	
(Carbon type, ±10%, 1/4W unless otherwise noted)			
R411,511		Carbon, 100 ohm ±5%, 1/4W	2
R412,512		Carbon, 120K ohm ±5%, 1/4W	2
R413,513		Carbon, 8.2K ohm ±5%, 1/4W	2
R414,514		Carbon, 6.8K ohm ±5%, 1/4W	2
R415,515		Carbon, 82K ohm ±10%, 1/4W	2
R416,516		Carbon, 82K ohm ±5%, 1/4W	2
R417,517		Carbon, 180K ohm ±5%, 1/8W	2
R418,518		Carbon, 180 ohm ±5%, 1/8W	2
R419,519		Carbon, 1.2K ohm ±5%, 1/8W	2
R420,520		Carbon, 56K ohm ±5%, 1/8W	2
R421,521		Carbon, 68K ohm ±5%, 1/8W	2
R422,522		Carbon, 47K ohm ±5%, 1/8W	2
R423,523		Carbon, 6.8K ohm ±5%, 1/8W	2
R426,526		Carbon, 22 ohm ±5%, 1/8W	2
R401,402, 403		Carbon, 220 ohm ±5%, 1/8W	3
		CAPACITORS	
C416,516		Mylar, 0.03 mfd, ±20%, 50V	2
C418,518		Mylar, 0.022 mfd, ±20%, 50V	2
C421,521, 422,522, 426,526		Mylar, 0.001 mfd, ±20%, 50V	6
C428,528		Mylar, 470 pfd, ±10%, 50V	2
C420,520		Styrol, 2300 pfd, ±5%, 50V	2
C413,513		Ceramic, 100 pfd, ±10%, 50V	2
C401,402, 403,404		Electrolytic 220 mfd/10V	4
C423,523, 425,525		Electrolytic 1 mfd/10V	4
C414,514		Electrolytic 4.7 mfd/6.3V	2
C412,512, 415,515, 417,517, 419,519		Electrolytic 10 mfd/10V	8
C405		Electrolytic 470 mfd/16V	1
C411,511		Electrolytic 1 mfd/16V	2
8-TRACK BIAS OSC CIRCUIT BOARD			
	R-A70678	Circuit board assembly	1
L451	R-W8768	Oscillator Coil, Bias	1
TR451,452		**Transistor, 2SC1317 R**	2
		RESISTORS & CAPACITORS	
R461		Carbon, 10K ohm ±5%, 1/4W	1
R462		Carbon, 4.7K ohm ±10%, 1/4W	1
R463,464		Carbon, 4.7 ohm ±10%, 1/4W	2
R465,466		Carbon, 1 ohm ±10%, 1/4W	2
R467		Carbon, 22 ohm ±10%, 1/4W	1
C461,462		Mylar, 0.033 mfd, ±20%, 50V	2
C463		Mylar, 0.05 mfd, ±20%, 50V	1
C464,465		Mylar, 0.022 mfd, ±20%, 50V	2
C451		Electrolytic 100mfd/10V	1
MICROPHONE AMPLIFIER CIRCUIT BOARD			
	R-A70679	Circuit board assembly	1
		Eyelet 2 x 3	5
TR901,951		**Transistor, 2SC644 R or S**	2
		RESISTORS & CAPACITORS	
R913,963		Carbon, 560 ohm ±5%, 1/4W	2
R912,963		Carbon, 22K ohm ±5%, 1/4W	2
R911,961		Carbon, 470K ohm ±5%, 1/4W	2
R915,965		Carbon, 1K ohm ±5%, 1/4W	2
R914,964		Carbon, 18K ohm ±5%, 1/4W	2
R901		Carbon, 100 ohm ±5%, 1/4W	1
C901		Electrolytic 100mfd/10V	1
C911,961		Electrolytic 1mfd/16V	2
C914,964		Electrolytic 0.1mfd/16V	2
POWER SOURCE CIRCUIT BOARD			
	R-A70673	Circuit board assembly	1
	R-23275	Eyelet lug	6
D801	R-S1749	Selenium rectifier, 10DC1	1
		RESISTORS & CAPACITORS	
R813		Solid, 10 ohm, ±20%, 1/2W	1
C812,813		Ceramic, 0.02 mfd, +80 −20%, 50V	2
C814		Electrolytic 220 mfd/10V	1
CONTROL CIRCUIT BOARD			
	R-A70672	Circuit board assembly	1
		RESISTORS	
R251,351		Carbon, 12K ohm ±5%, 1/4W	2
R252,352		Carbon, 470 ohm ±5%, 1/4W	2
R253,353		Carbon, 680 ohm ±5%, 1/4W	2
R254,354		Carbon, 5.6K ohm ±5%, 1/4W	2
R255,355		Carbon, 56K ohm ±5%, 1/4W	2
R256,356		Carbon, 10K ohm ±5%, 1/4W	2
		CAPACITORS	
C251,351		Mylar, 0.01 mfd, ±20%, 50V	2
C253,353, 254,354		Mylar, 0.039 mfd, ±20%, 50V	4
C256,356		Mylar, 470 pfd, ±20%, 50V	2
C252,352		Mylar, 0.015 mfd, ±20%, 50V	2
C255,355		Mylar, 0.001 mfd, ±20%, 50V	2

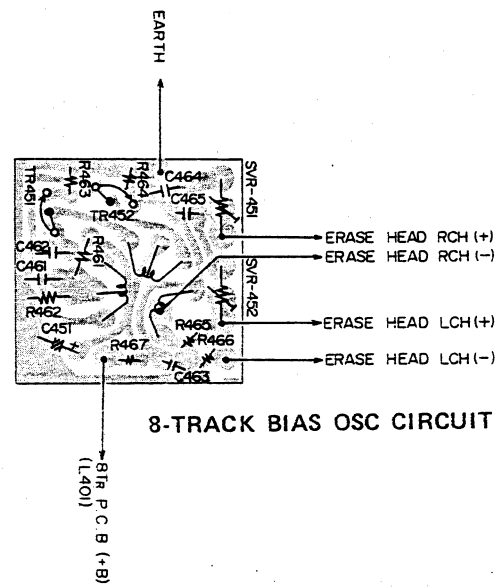
CIRCUIT BOARD DIAGRAM (Bottom View)

CONTROL CIRCUIT BOARD

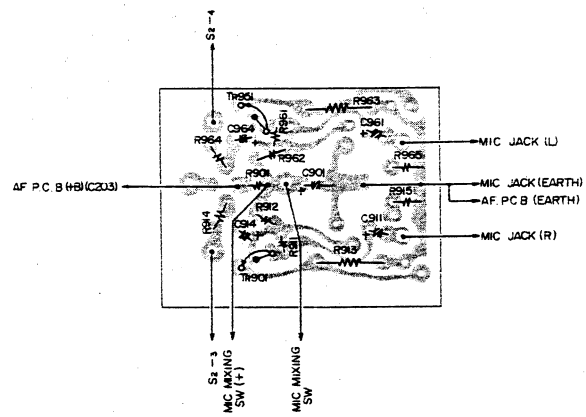




CASSETTE BIAS OSC CIRCUIT BOARD



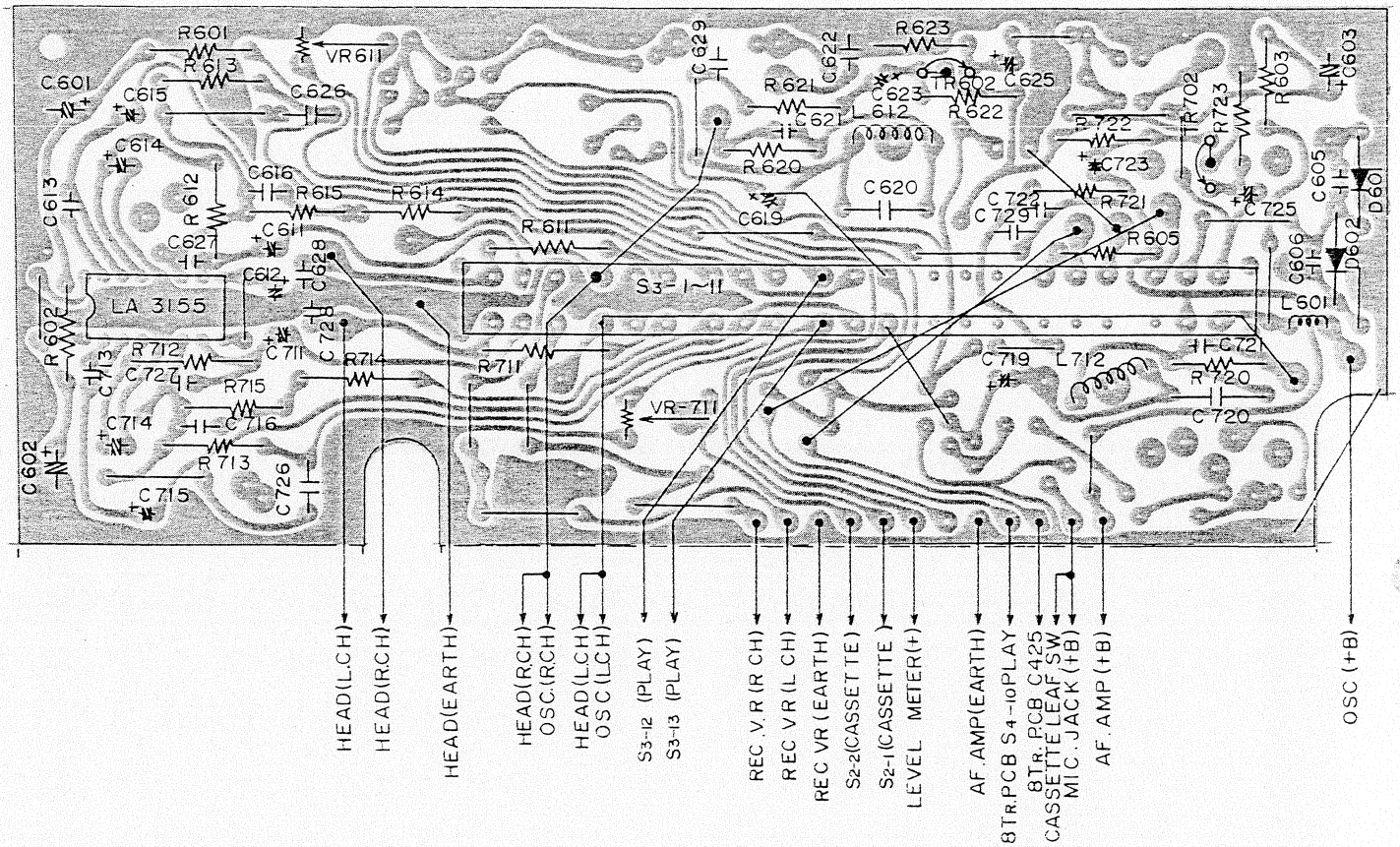
8-TRACK BIAS OSC CIRCUIT BOARD



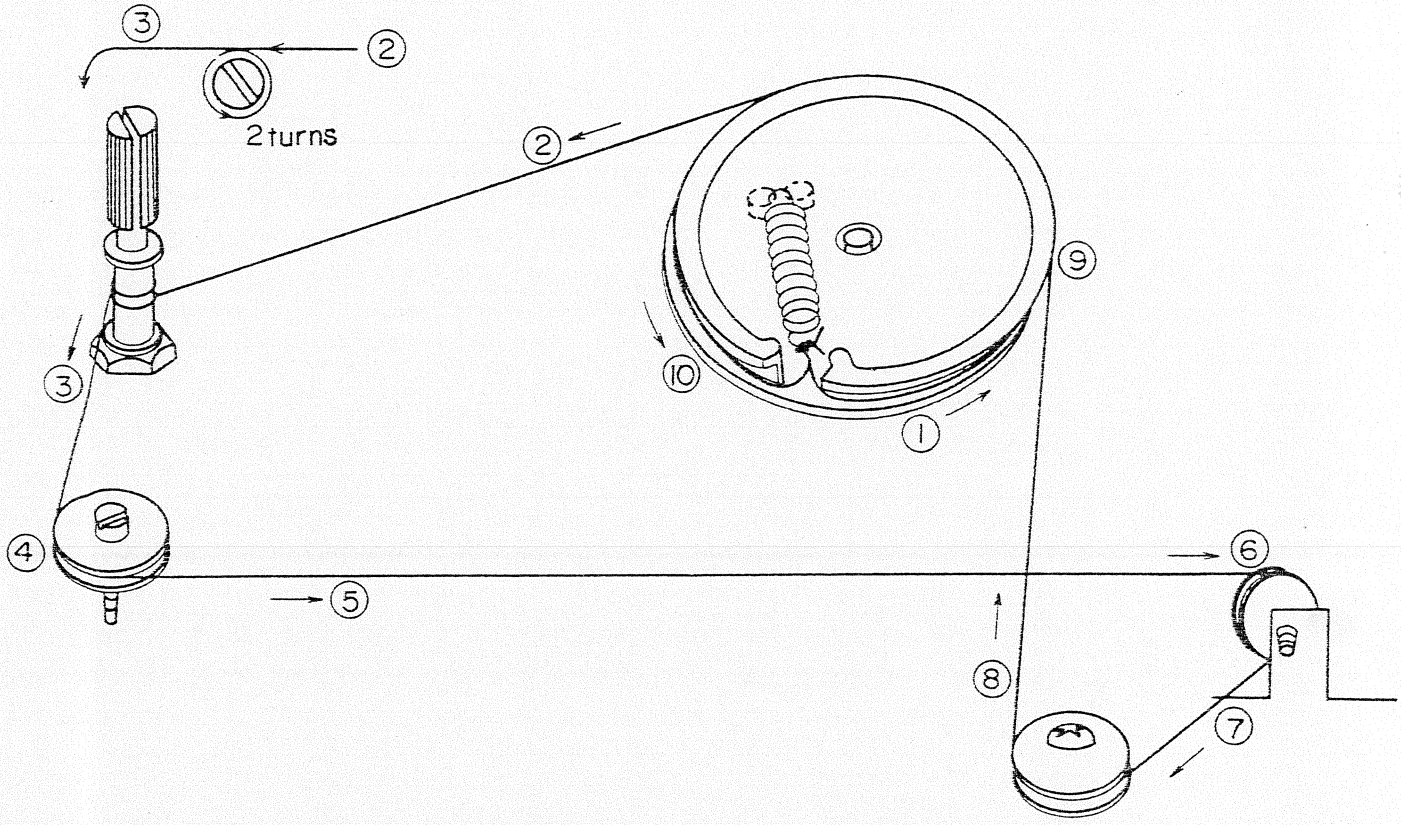
MICROPHONE AMPLIFIER

CIRCUIT BOARD DIAGRAM (Bottom View)

CASSETTE AMPLIFIER CIRCUIT BOARD



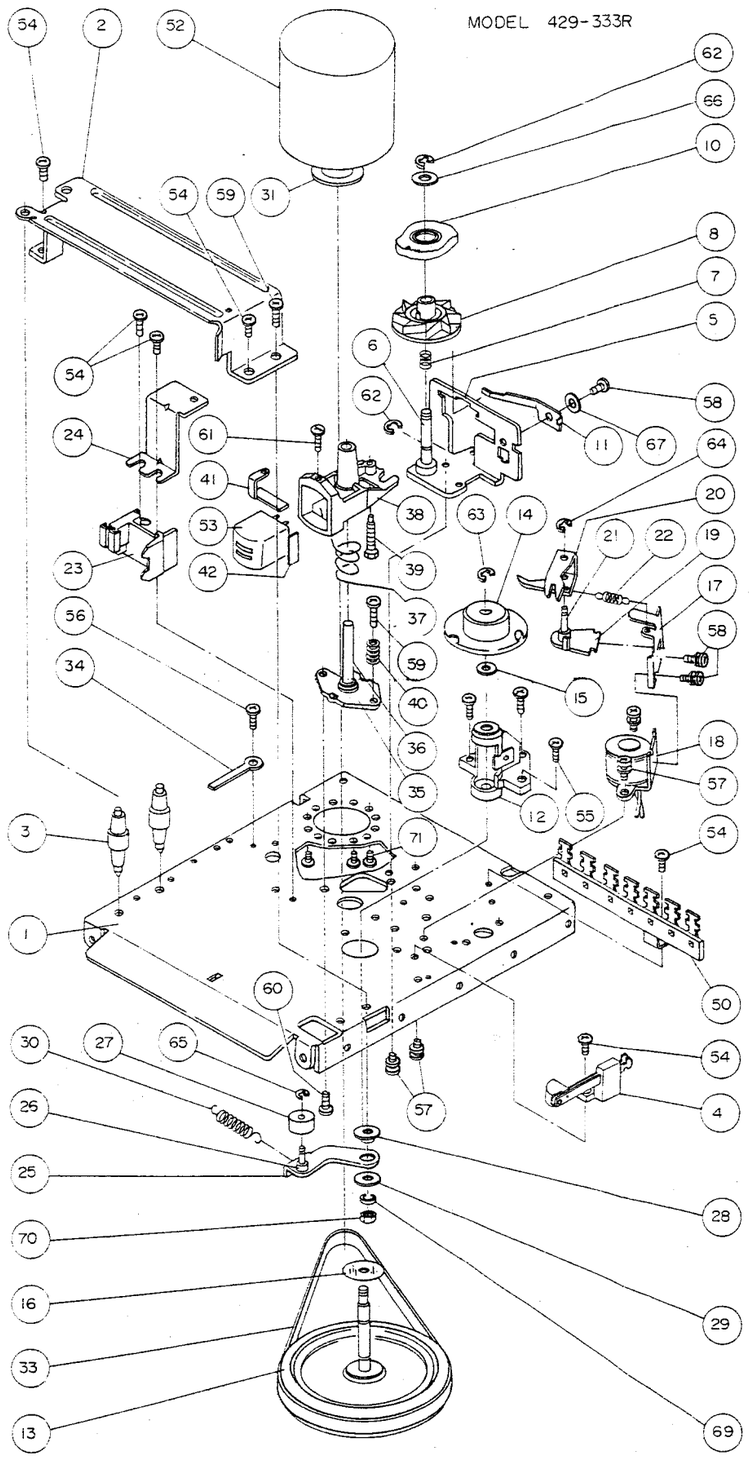
DIAL CORD STRINGING



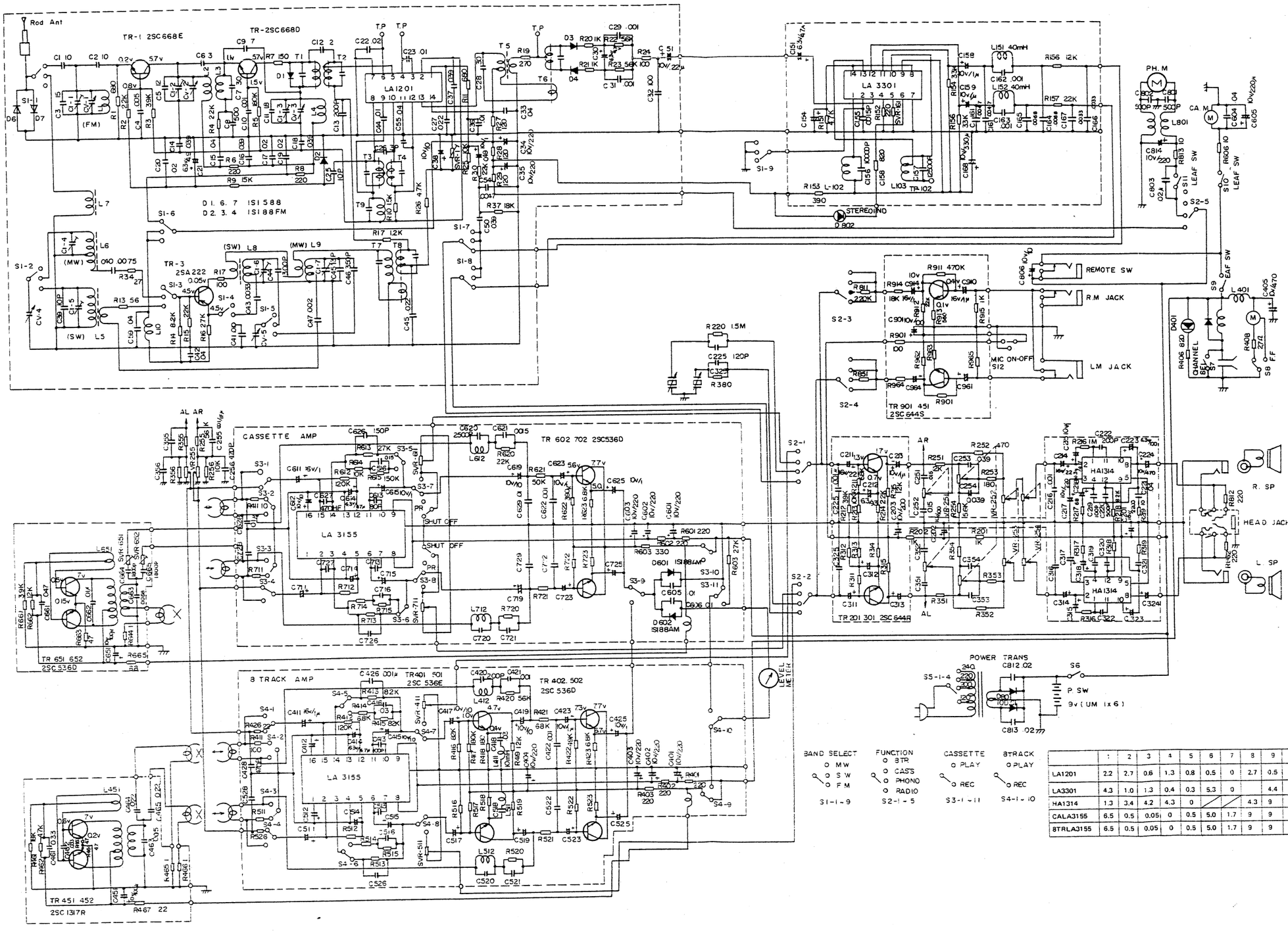
PARTS LIST

Key No.	Part No.	Description	Q'ty
8-TRACK MECHANISM (429-333R)			
1	333 0101	Chassis deck	1
2	151 0102	Metal mount	1
3	11 0102C	Guide roller	2
4	SW-0011	Leaf switch	1
5	151 02SA	Cam bracket assembly	1
6			
7	151 0221	Cam spring	1
8	151 0204	Main cam	1
9			
10	429 0201	Cam channel indicate	1
11	151 0213	Pressure spring plate	1
12	151 0304	Oilless metal	1
13	151 0301B	Flywheel	1
14	151 0302	Channel change cam	1
15	151 0303	Washer	1
16	151 0305	Film washer	1
17	151 0402	Metal bracket, Channel change lever	1
18	151 0401	Relay	1
19	151 04SA	Base assembly, Channel change lever	1
21			
20	151 0418	Channel change lever	1
22	151 0410	Spring	1
23	151 0500C	Tape guide	1
24	429 0501	Metal bracket	1
25	151 06SA	Cramper assembly	1
26			
27	11 0305	Cramper roller	1
28	151 0603	Spacer	1
29	203 0606	Washer	1
30	151 0604	Spring cramper	1
31	400 0910	Fine pulley	1
33	333 0902	Rubber belt	1
34	02 1408	Lug, Wraparound	1
35	151 08SA	Holder shaft assembly, head	1
36			
37	151 0807	Shifter spring	1
38	424 0801	Head holder	1
39	151 0804	Azimuth screw	1
40	11 0608	Azimuth screw, vertical	1
41	347 0801	Earth terminal	1
42	151 0901	Spacer	1
50	2L4	Strip terminal	1
52	R-S57018	Motor	1
53	R-S07131	Playing head, 8-track	1
54		Tap. Screw, Pan Hd., 3 x 6	1
55		Tap. Screw, Pan Hd., 3 x 8	3
56		Tap. Screw, Pan Hd., 2.6 x 5	1
57		Tap. Screw, Pan Hd. with Washer "SP", 3 x 5	2
58		Screw, Pan Hd., 2.6 x 6	1
59		Screw, Pan Hd., 3 x 12	1
60		Screw, Pan Hd., 3 x 10	1
61		Screw, Pan Hd., 2.6 x 8	1
62		Washer, "C", ETWJ-3.2	2
63		Washer, "C", ETWJ-3	1
64		Washer, "C", ETWJ-2.3	1
65		Washer, "C", ETWJ-1.5	1
66		Washer, Plane, 4 x 10 x 0.8	1
67		Washer, Plane, 2.6 x 7.5 x 0.5	1
69		Washer, Spring M3	1
70		Nut, Hex Hd., M3	1
71		Tap. Screw, Pan Hd. with Washer "SP", 2.6 x 4	3

EXPLODED VIEW (8-Track Mechanism)



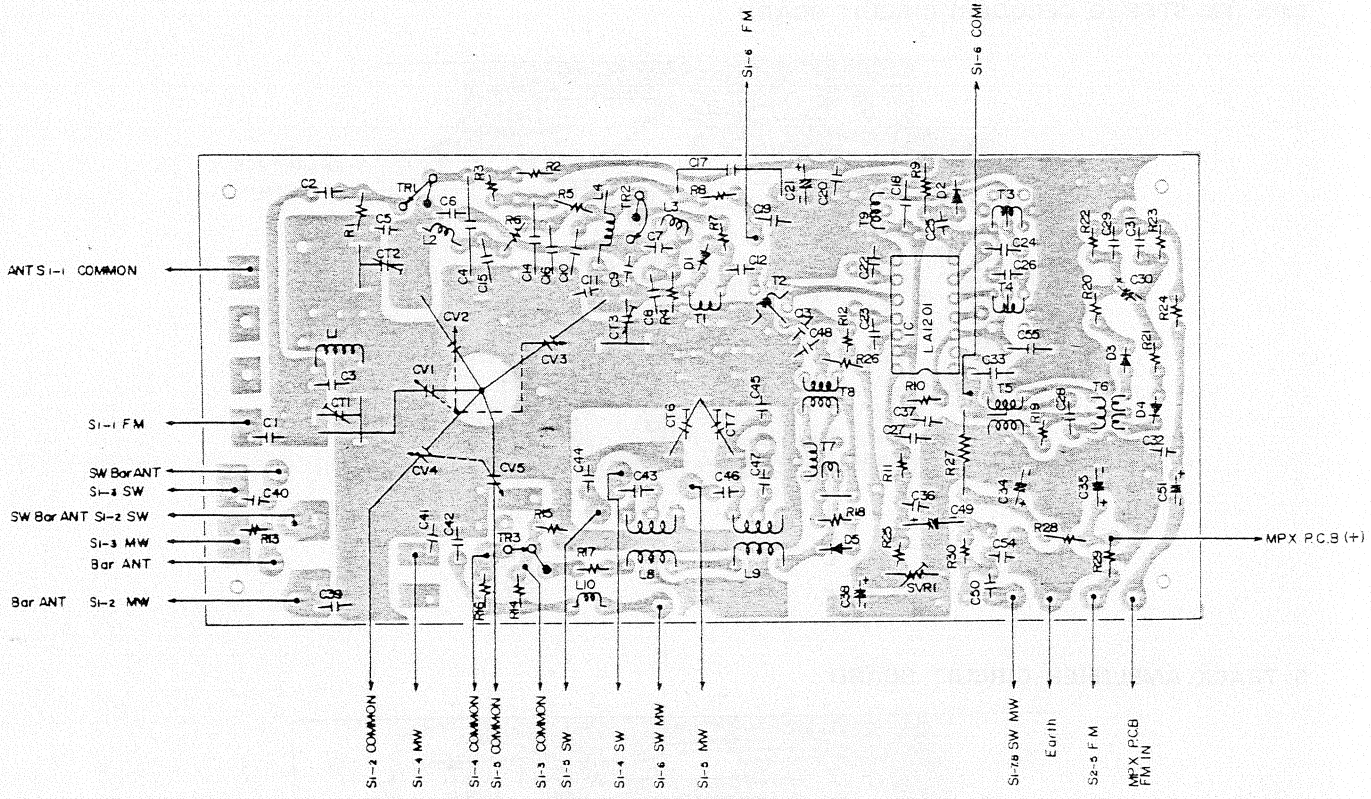
SCHEMATIC DIAGRAM



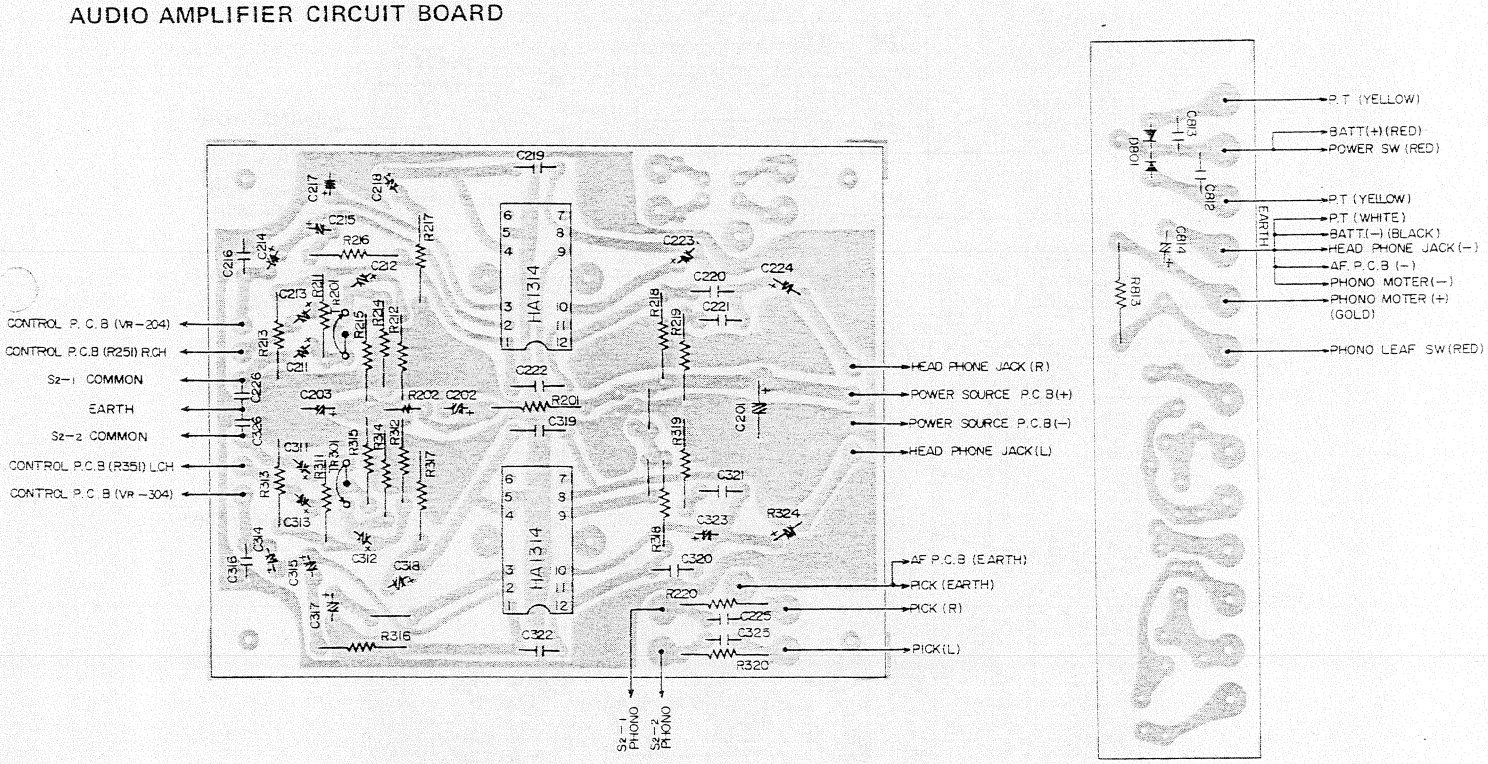
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
LA1201	2.2	2.7	0.6	1.3	0.8	0.5	0	2.7	0.5	1.8	0	1.8	AM52AM5.2 FM5.0FM5.0			
LA3301	4.3	1.0	1.3	0.4	0.3	5.3	0		4.4	2.5	3.2	3.2	2.5			
HA1314	1.3	3.4	4.2	4.3	0			4.3	9	8.7	5.6	1.3				
CALA3155	6.5	0.5	0.05	0	0.5	5.0	1.7	9	9	1.7	5.0	0.5	0	0.05	0.5	6.5
8TRLA3155	6.5	0.5	0.05	0	0.5	5.0	1.7	9	9	1.7	5.0	0.5	0	0.05	0.5	6.5

CIRCUIT BOARD AMPLIFIER (Bottom View)

TUNER (RF AMPLIFIER) CIRCUIT BOARD

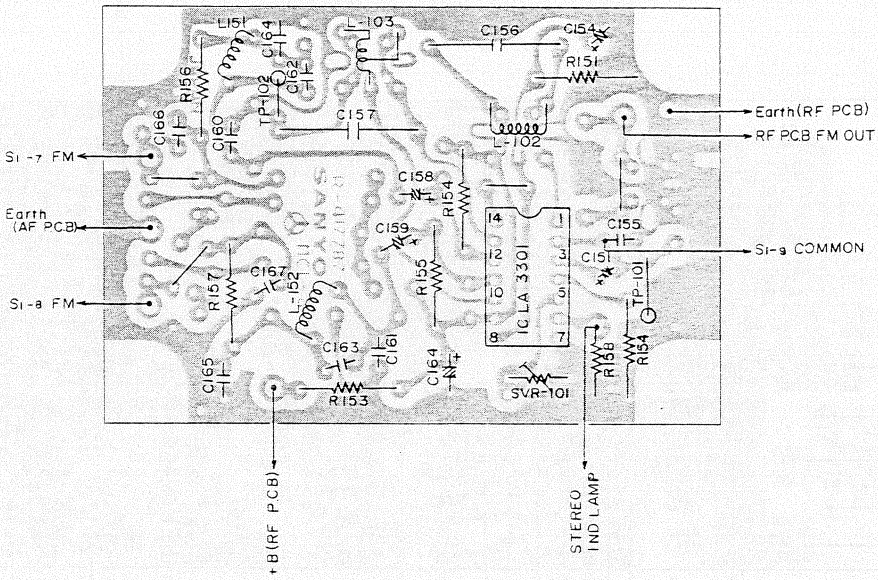


AUDIO AMPLIFIER CIRCUIT BOARD

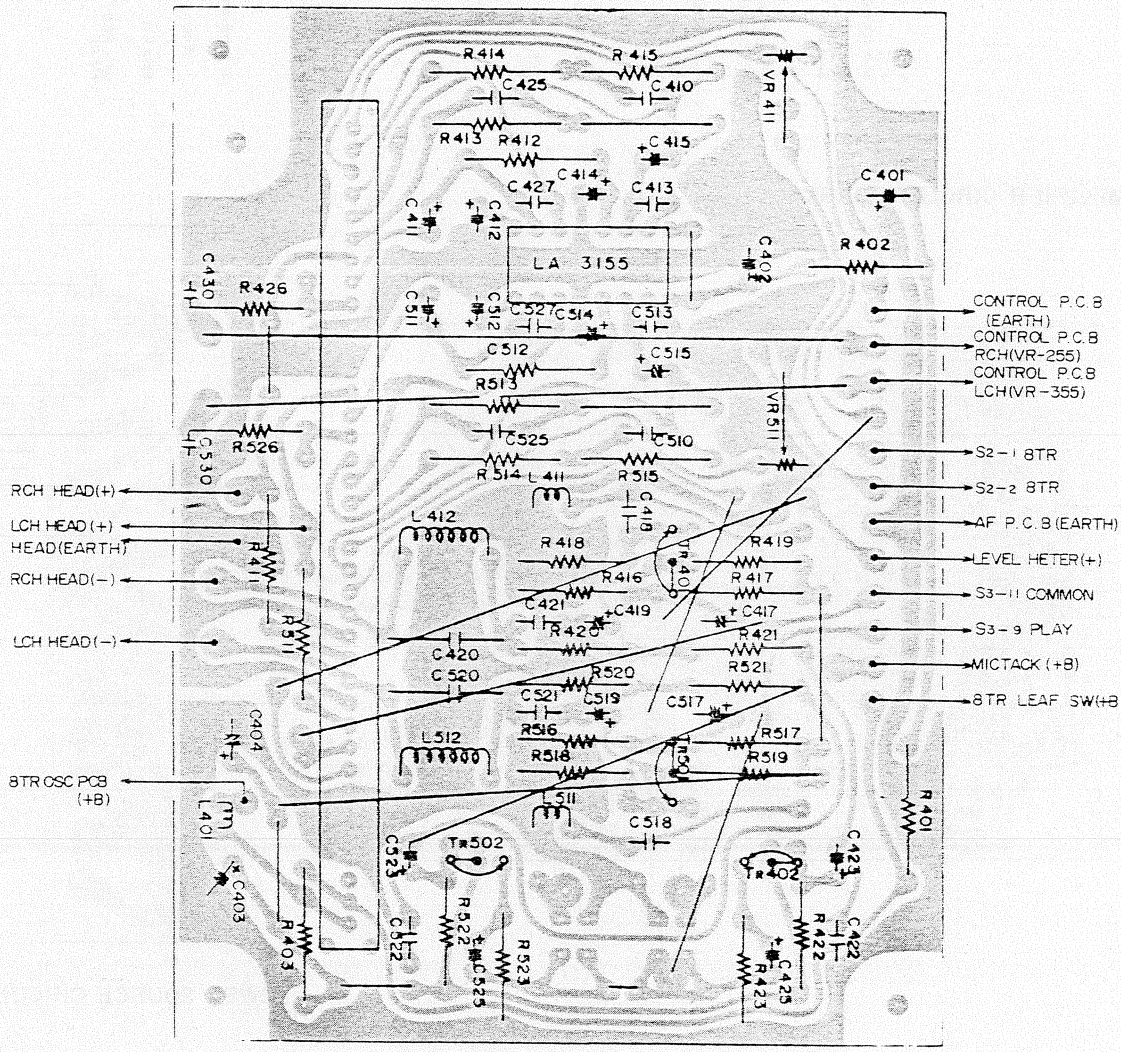


POWER SOURCE CIRCUIT BOARD

MPX (FM STEREO DECODER) CIRCUIT BOARD



8 TRACK AMPLIFIER CIRCUIT BOARD

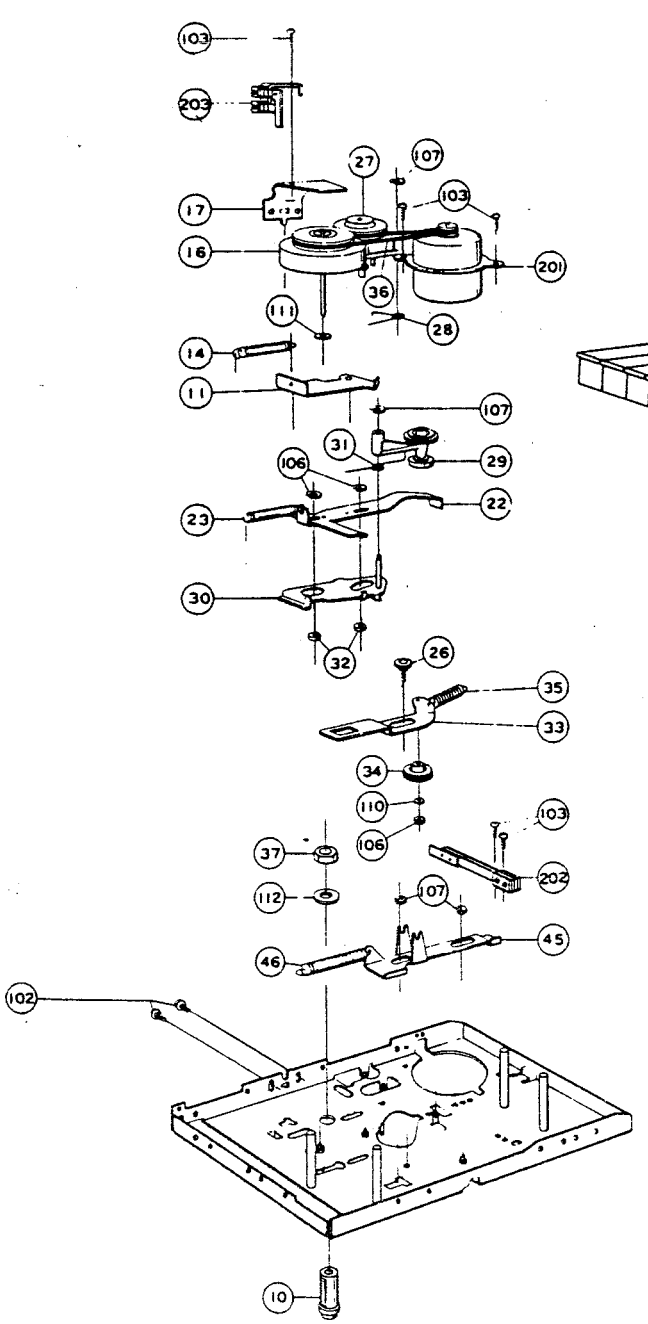


PARTS LIST

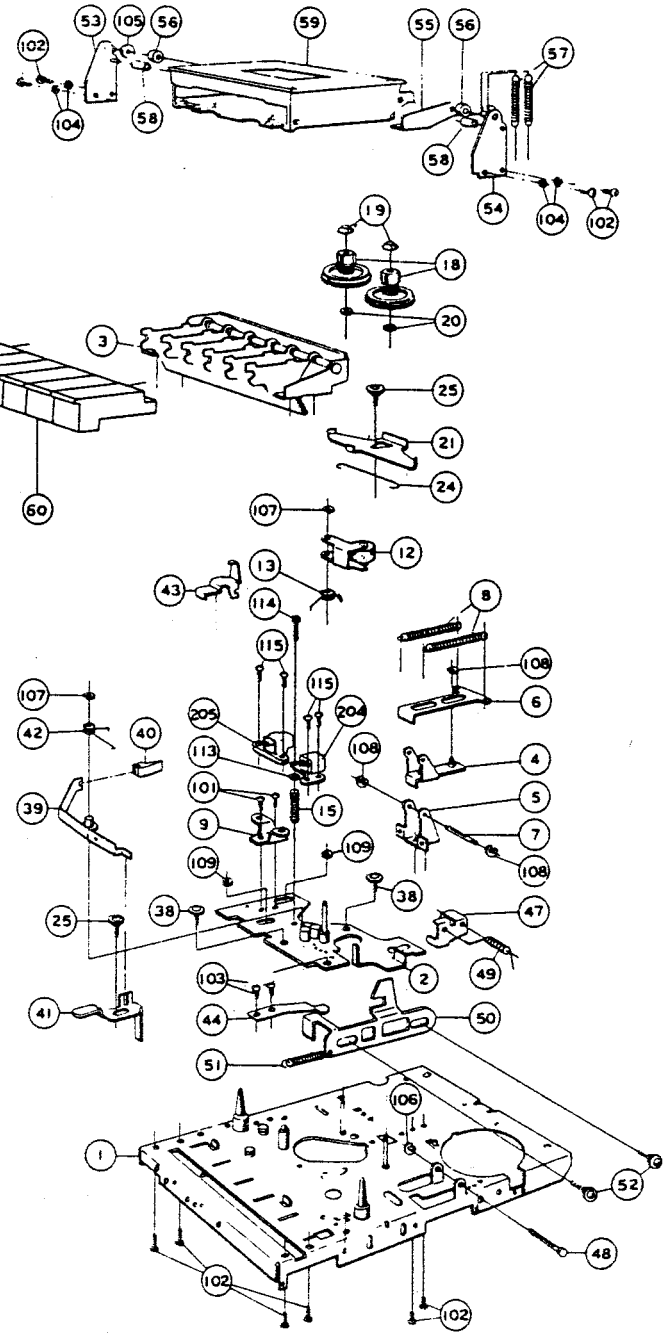
Key No.	Part No.	Description	Q'ty
	CASSETTE MECHANISM (TM-68MSN)		
1	141 0 3119 01403	Assy Chassis, TM-68MSN	1
2	141 0 7319 06900	Assy Base Slide	1
3	141 0 1619 06801	Assy Button, Select	1
	141 2 1619 13700	├ Button, Select	(6)
	R-2670709	└ Inlay, Select Button	6
4	141 0 7319 01600	Assy Sub-plate, Pushout	1
5	141 2 5739 00200	Support, Cassette Pushout Plate	1
6	141 2 7319 02100	Plate, Cassette Pushout	1
7	141 2 7519 00500	Spindle, Cassette Push Sub-plate	1
8	141 2 8519 06900	Spring, Cassette Pushout Plate	2
9	141 2 3769 00700	Spacer, Head	1
10	141 0 5729 00200	Assy Bushing Capstan	1
11	141 0 7319 02200	Assy Slide Base, ARM	1
12	141 0 5419 00700	Assy Pinch Roller	1
13	141 2 8519 09800	Spring, Pinch Roller	1
14	141 2 8519 00900	Spring, Slide Base	1
15	141 2 8519 04500	Spring, Head Adjust	1
16	141 2 5219 03100	Flywheel &Capstan	1
17	141 0 3519 00801	Assy Support, Flywheel	1
	141 2 3519 03201	├ Support Flywheel	1
	141 2 4469 00200	└ Pad Flywheel Spdl	1
18	141 0 5319 00100	Assy Reel Plate	2
	141 2 5319 00200	├ Reel Plate	2
	141 2 5369 00200	├ Fix Reel Plate B	2
	141 2 5369 00300	├ Fix Reel Plate C	2
	141 2 8519 00700	├ SPG Reel Plate	2
	141 2 5519 01700	└ Ring Reel Plate	2
19	141 2 5369 00400	CAP, Reel Plate	2
20	141 2 4539 00200	Washer, Spindle	2
21	141 2 7139 00200	Plate, Brake	1
22	141 2 7319 00900	Slide, ARM PWR SW	1
23	141 2 8519 01200	Spring, Slide ARM PWR SW	1
24	141 2 8529 00300	Spring, Brake	1
25	141 2 4219 03700	Screw, Plate, Brake	2
26	141 2 4219 03800	Screw,, ARM REW Roller	1
27	141 0 5519 00100	Assy Take-up Pulley	1
	141 2 5559 00400	├ ARM, Take up Pulley	(1)
	141 2 5719 00400	├ Bush, Take up Pulley	(1)
	141 2 5519 00800	├ Take up Pulley	(1)
	141 2 4569 00300	├ Friction Plate	(1)
	141 2 5519 00400	├ Driving Roller	(1)
	141 2 4419 00200	├ Felt, Take up Pulley	(1)
	141 2 4569 00100	├ Washer, Spring	(1)
	141 2 8519 01400	├ Spring, Friction Plate	(1)
	141 2 5529 00600	├ Spindle, Take up pulley	(1)
	141 2 5719 00600	├ Bushing, Friction Plate	(1)
		└ Washer, 1.6φ x 4φ x 0.2t	(2)
28	141 2 8519 01300	Spring, Take up Pulley	1
29	141 0 5519 00200	Assy Idler	1
30	141 0 7319 00300	Assy Base, Idler	1
31	141 2 8519 01700	Spring, Idler	1
32	141 2 8259 00400	Roller, Idler Base	2
33	141 0 7319 00400	Assy Arm, REW Roller	1
34	141 0 5519 00700	Assy Rewind Roller	1
35	141 2 8519 01800	Spring, Rewind Roller	1
36	141 2 5649 00201	Square Driving Belt	1
37	141 2 4179 00100	Nut	1
38	141 2 4219 04600	Screw, Base Slide	2
39	141 0 7419 03700	Assy Lever, Stop	1
	141 2 7419 10900	├ Lever Stop	1
40	141 2 8219 10200	├ Contact Tape	1
	141 2 5729 04700	└ Holder	1
41	141 2 7419 10800	Lever, Stop	1
42	141 2 8519 22400	Spring, Lever Stop	1
43	141 2 8419 00600	Interlock Lever	1
44	141 2 8539 01700	Spring, Interlock Lever	1
45	141 2 8429 00700	Lever, RP Switch	1
46	141 2 8519 19100	Spring, Lever, RP Switch	1
47	141 2 7439 00100	Stopper, Slide Base	1
48	141 2 7529 05200	Shaft, Slide Base, Stopper	1
49	141 2 8519 06200	Spring, Slide Base, Stopper	1
50	141 2 7319 03700	Lock, Cassette Case	1
51	141 2 8519 06400	Spring, Cassette Case Lock	1
52	141 2 4219 04200	Screw	2
53	141 0 7439 00300	Assy Holder, Cassette Case Right	1
	141 2 7439 00200	├ Holder Cassette Case R	1
	141 2 7529 08800	├ PIN Cassette Case	1
	141 2 7529 09000	└ Stop PIN Cassette Case	1
	141 2 4459 03500	Cushion Cassette Case	1

Key No.	Part No.	Description	Q'ty
	CASSETTE MECHANISM (TM-68MSN)		
54	141 0 7439 00400	Assy Holder Cassette Case Left	1
	141 2 7529 09000	Stop PIN Cassette Case	1
55	141 2 7419 03300	Lever, Cassette Case L	1
56	141 2 3529 01800	Spacer, Cassette Case	2
57	141 2 8519 06700	Spring, Cassette Case Lever B	2
58	141 2 4459 03500	Cushion, Cassette Case	2
59	141 0 1149 03200	Assy Case Cassette	1
	141 2 1149 09700	├ Case Cassette Top	1
	141 2 1149 01601	├ Case Cassette Bot	1
	141 2 8539 01200	├ SPG Cassette Push	2
	141 2 1519 01100	├ Reflection ALM	1
	141 2 4419 01500	├ Cushion	2
	141 2 1319 05100	└ Clear Window	1
	141 2 4539 06700	Washer	1
101		Pan Hd. Screw, M2 x 4	2
102		Pan Hd. Screw, 2.6 x 5	12
103		Pan Hd. Tapping Screw, M2.6 x 6	7
104		Spring, Washer, M2.6	4
105		Washer, M4	1
106		E Ring, 1.5φ	4
107		E Ring, 2φ	6
108		E Ring, 2.5φ	3
109		E Ring, 3φ	2
110		Mylar Washer, 2 x 4 x 0.2t	1
111		Nylon Washer, 2 x 7 x 0.3t	1
112		Round Washer, 8 x 14 x 0.5t	1
113		Washer, 2 x 7 x 0.3t	1
114		Flat Hd. Screw, M2 x 12	1
115		Pan Hd. Screw, 2.6 x 4	4
201	141 4 5279 70152	Motor	1
202	141 4 2319 70010	Switch, Power	1
203	141 4 2319 70930	Switch, Leaf	1

EXPLODED VIEW (Mechanism)



TOP VIEW



BOTTOM VIEW

SANYO ELECTRIC TRADING CO., LTD.
33, Hiyoshicho 2-chome,
Moriguchi, Osaka, 570, Japan
MW-988 OCTOBER 1974 CP2000 Printed in Japan

V-0102 1704

MODIFICATION NOTICE

SANYO

STEREO MUSIC SYSTEM

Chassis Nos. _____
Serial Nos. _____
Run Nos. _____
Date _____

G 2915NK 9901

Date _____ Issued by _____

The following corrections should be made in the SERVICE MANUALS and PARTS (PRICE) LIST.

	Section	Key No.	Part No.	Description	Q'ty	Reason
From	Cabinet	22	R-A70685	Panel assy	1	E
To			R-A73768	Panel assy without R-A73769	1	
			R-A73769	Fix plastic board assy, Azimuth	1	
			R-327287	Fix plastic board	1	
		31	R-2670708	Decoration metal, cassette azimuth	1	

The Fix plastic board assy. will consist of the two parts listed above.

REASON FOR MODIFICATION
A ..... Standardization
B ..... Change of materials
C ..... Improvement of reliability
D ..... Improvement of performance
E ..... Miss print

SANYO ELECTRIC TRADING CO., LTD.
OSAKA, JAPAN

Printed in Japan 500

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1704